

EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018
Tel/Fax: (212) 290-0051 / (212) 290-0058
http://www.EMSL.com / manhattanlab@emsl.com

EMSL Order: 031606664 Customer ID: RFWE52 Customer PO: 0090847

Project ID:

Attention: Weston Solutions (Campus Drive)

205 Campus Drive

Edison, NJ 08837-3939

Phone: (732) 417-5839 **Fax:** () -

Received Date: 3/11/2016 4:15 PM

Analysis Date: 3/12/2016 Collected Date: 3/10/2016

Project: RFP# 363

Test Report: Asbestos Analysis of Bulk Material

Non-Asbestos

		Analyzed			Non-Asbestos	
	Test	Date	Color	Fibrous	Non-Fibrous	Asbestos
Sample ID	P0001-BULK15	5-01-Skim Coat	Description			
	031606664-0001	1	Homogeneity	Homogeneous		
PLM NYS 19	98.1 Friable	3/12/2016	White		55.00% Ca Carbonate 33.51% Non-fibrous (other) 10.00% Quartz	1.49% Chrysotile
PLM NYS 19	98.6 VCM					Not Analyzed
PLM NYS 19	98.6 NOB					Not Analyzed
TEM NYS 19	98.4 NOB					Not Analyzed
Sample ID	P0001-BULK1	5-01-Rough Coa	Description			
	031606664-0001	'A	Homogeneity	Homogeneous		
PLM NYS 19	98.1 Friable	3/12/2016	Brown		45.00% Non-fibrous (other) 55.00% Quartz	None Detected
PLM NYS 19	98.6 VCM					Not Analyzed
PLM NYS 1	98.6 NOB					Not Analyzed
TEM NYS 1	98.4 NOB					Not Analyzed
Sample ID	ID P0001-BULK16-01-Skim Coat		Description			
	031606664-0002	?	Homogeneity	Homogeneous		
PLM NYS 19	98.1 Friable	3/12/2016	White		65.00% Ca Carbonate 25.47% Non-fibrous (other) 8.00% Quartz	1.53% Chrysotile
PLM NYS 1	98.6 VCM					Not Analyzed
PLM NYS 1	98.6 NOB					Not Analyzed
TEM NYS 1	98.4 NOB					Not Analyzed
Sample ID	P0001-BULK16	6-01-Rough Coa	Description			
	031606664-0002	2A	Homogeneity	Homogeneous		
PLM NYS 19	98.1 Friable	3/12/2016	Gray	2.00% Cellulose	50.00% Non-fibrous (other) 48.00% Quartz	None Detected
PLM NYS 1	98.6 VCM					Not Analyzed
PLM NYS 19	98.6 NOB					Not Analyzed
TEM NYS 19	98.4 NOB					Not Analyzed
Sample ID			Description			
	031606664-0003	3	Homogeneity	Homogeneous		
PLM NYS 19 Inseparable		3/12/2016 yer included in anal	White ysis		98.50% Non-fibrous (other)	1.50% Chrysotile
PLM NYS 19	98.6 VCM					Not Analyzed
PLM NYS 19	98.6 NOB					Not Analyzed
TEM NYS 19	98.4 NOB					Not Analyzed



Project ID:

Test Report:Asbestos Analysis of Bulk Material

Non-Asbestos

		Analyzed			Non-Aspestos	
	Test	Date	Color	Fibrous	Non-Fibrous	Asbestos
Sample ID	P0001-BULK17-0 031606664-0003A	11-Rough Coa	Description			
		0/40/0040	Homogeneity	Homogeneous	05.00% 0.00 4.4	
PLM NYS 1	98.1 Friable	3/12/2016	Brown		25.00% Ca Carbonate 8.00% Non-fibrous (other) 67.00% Quartz	None Detected
PLM NYS 1	98.6 VCM					Not Analyzed
PLM NYS 1	98.6 NOB					Not Analyzed
TEM NYS 1	98.4 NOB					Not Analyzed
Sample ID	P0001-BULK18-0)1	Description			
	031606664-0004		Homogeneity	Heterogeneous		
	98.1 Friable paint / coating laye	3/12/2016	White		55.00% Ca Carbonate 35.81% Non-fibrous (other) 8.00% Quartz	1.19% Chrysotile
PLM NYS 1		oradou iii ullai	,, 5.5			Not Analyzed
PLM NYS 1						Not Analyzed
TEM NYS 1	98.4 NOB					Not Analyzed
Sample ID	P0001-BULK19-0)1-Skim Coat	Description			
	031606664-0005		Homogeneity	Heterogeneous		
	98.1 Friable paint / coating laye	3/12/2016	White		45.00% Ca Carbonate 3.00% Mica 50.57% Non-fibrous (other)	1.43% Chrysotile
PLM NYS 1		i included in anal	yolo			Not Analyzed
PLM NYS 1	98.6 NOB					Not Analyzed
TEM NYS 1	98.4 NOB					Not Analyzed
Sample ID	P0001-BULK19-0)1-Rough Coa	Description			
	031606664-0005A		Homogeneity	Homogeneous		
PLM NYS 1	98.1 Friable	3/12/2016	Gray	3.00% Cellulose	62.00% Non-fibrous (other) 35.00% Quartz	None Detected
PLM NYS 1	98.6 VCM					Not Analyzed
PLM NYS 1	98.6 NOB					Not Analyzed
TEM NYS 1	98.4 NOB					Not Analyzed
Sample ID	P0001-BULK20-0	1-Skim Coat	Description			
	031606664-0006		Homogeneity	Homogeneous		
PLM NYS 1	98.1 Friable	3/12/2016	White		50.00% Ca Carbonate 35.25% Non-fibrous (other) 13.00% Quartz	1.75% Chrysotile
PLM NYS 1	98.6 VCM					Not Analyzed
PLM NYS 1						Not Analyzed Not Analyzed



Project ID:

Test Report: Asbestos Analysis of Bulk Material

Non-Asbestos

		Analyzed				
	Test	Date	Color	Fibrous	Non-Fibrous	Asbestos
Sample ID	P0001-BULK20-		Description			
	031606664-0006A	ı	Homogeneity	Homogeneous		
PLM NYS 1	98.1 Friable	3/12/2016	Brown/Gray		30.00% Ca Carbonate 17.00% Non-fibrous (other) 53.00% Quartz	None Detected
PLM NYS 1	98.6 VCM					Not Analyzed
PLM NYS 1	98.6 NOB					Not Analyzed
TEM NYS 1	98.4 NOB					Not Analyzed
Sample ID	P0001-BULK20-	01-Black Roug	Description			
	031606664-0006B	•	Homogeneity	Homogeneous		
PLM NYS 1	98.1 Friable	3/12/2016	Black		20.00% Ca Carbonate 77.00% Non-fibrous (other) 3.00% Quartz	None Detected
PLM NYS 1	98.6 VCM					Not Analyzed
PLM NYS 1	98.6 NOB					Not Analyzed
TEM NYS 1	98.4 NOB					Not Analyzed
Sample ID	P0001-BULK21-	01	Description			
	004000004 0007			Hatanananan		
	031606664-0007		Homogeneity	Heterogeneous		
	98.1 Friable	3/12/2016	Tan/White/Black	15.00% Cellulose	30.00% Ca Carbonate 48.80% Non-fibrous (other) 5.00% Quartz	1.20% Chrysotile
Inseparable	98.1 Friable paint / coating lay		Tan/White/Black		48.80% Non-fibrous (other)	
Inseparable	98.1 Friable paint / coating laye		Tan/White/Black		48.80% Non-fibrous (other)	Not Analyzed
Inseparable PLM NYS 19 PLM NYS 19	98.1 Friable paint / coating laye 98.6 VCM 98.6 NOB		Tan/White/Black		48.80% Non-fibrous (other)	Not Analyzed Not Analyzed
Inseparable PLM NYS 19 PLM NYS 19 TEM NYS 19	98.1 Friable paint / coating laye 98.6 VCM 98.6 NOB	er included in an	Tan/White/Black		48.80% Non-fibrous (other)	Not Analyzed
PLM NYS 1	98.1 Friable paint / coating laye 98.6 VCM 98.6 NOB 98.4 NOB	er included in an	Tan/White/Black alysis Description	15.00% Cellulose	48.80% Non-fibrous (other)	Not Analyzed Not Analyzed
Inseparable PLM NYS 19 PLM NYS 19 TEM NYS 19 Sample ID	98.1 Friable paint / coating laye 98.6 VCM 98.6 NOB 98.4 NOB P0001-BULK22- 031606664-0008	er included in an	Tan/White/Black		48.80% Non-fibrous (other)	Not Analyzed Not Analyzed
Inseparable PLM NYS 19 PLM NYS 19 TEM NYS 19	98.1 Friable paint / coating laye 98.6 VCM 98.6 NOB 98.4 NOB P0001-BULK22- 031606664-0008 98.1 Friable	er included in and	Tan/White/Black alysis Description Homogeneity	15.00% Cellulose	48.80% Non-fibrous (other) 5.00% Quartz 55.00% Ca Carbonate 33.39% Non-fibrous (other)	Not Analyzed Not Analyzed Not Analyzed
Inseparable PLM NYS 19 PLM NYS 19 TEM NYS 19 Sample ID	98.1 Friable paint / coating laye 98.6 VCM 98.6 NOB 98.4 NOB P0001-BULK22- 031606664-0008 98.1 Friable	er included in and	Tan/White/Black alysis Description Homogeneity	15.00% Cellulose	48.80% Non-fibrous (other) 5.00% Quartz 55.00% Ca Carbonate 33.39% Non-fibrous (other)	Not Analyzed Not Analyzed Not Analyzed 1.61% Chrysotile
Inseparable PLM NYS 19 PLM NYS 19 TEM NYS 19 Sample ID PLM NYS 19	98.1 Friable paint / coating laye 98.6 VCM 98.6 NOB 98.4 NOB P0001-BULK22- 031606664-0008 98.1 Friable 98.6 VCM 98.6 NOB	er included in and	Tan/White/Black alysis Description Homogeneity	15.00% Cellulose	48.80% Non-fibrous (other) 5.00% Quartz 55.00% Ca Carbonate 33.39% Non-fibrous (other)	Not Analyzed Not Analyzed Not Analyzed 1.61% Chrysotile Not Analyzed
Inseparable PLM NYS 19 PLM NYS 19 TEM NYS 19 Sample ID PLM NYS 19 PLM NYS 19 PLM NYS 19 TEM NYS 19	98.1 Friable paint / coating laye 98.6 VCM 98.6 NOB 98.4 NOB P0001-BULK22- 031606664-0008 98.1 Friable 98.6 VCM 98.6 NOB	er included in and	Tan/White/Black alysis Description Homogeneity	15.00% Cellulose	48.80% Non-fibrous (other) 5.00% Quartz 55.00% Ca Carbonate 33.39% Non-fibrous (other)	Not Analyzed Not Analyzed Not Analyzed 1.61% Chrysotile Not Analyzed Not Analyzed
Inseparable PLM NYS 19 PLM NYS 19 TEM NYS 19 Sample ID PLM NYS 19 PLM NYS 19 PLM NYS 19 TEM NYS 19	98.1 Friable paint / coating laye 98.6 VCM 98.6 NOB 98.4 NOB P0001-BULK22- 031606664-0008 98.1 Friable 98.6 VCM 98.6 NOB	er included in and 01-Skim Coat 3/12/2016	Tan/White/Black alysis Description Homogeneity White	15.00% Cellulose	48.80% Non-fibrous (other) 5.00% Quartz 55.00% Ca Carbonate 33.39% Non-fibrous (other)	Not Analyzed Not Analyzed Not Analyzed 1.61% Chrysotile Not Analyzed Not Analyzed
Inseparable PLM NYS 19 PLM NYS 19 TEM NYS 19 Sample ID PLM NYS 19 PLM NYS 19 PLM NYS 19 TEM NYS 19 TEM NYS 19	98.1 Friable paint / coating laye 98.6 VCM 98.6 NOB 98.4 NOB P0001-BULK22- 031606664-0008 98.6 VCM 98.6 NOB 98.4 NOB P0001-BULK22- 031606664-0008A	er included in and 01-Skim Coat 3/12/2016	Tan/White/Black alysis Description Homogeneity White Description	15.00% Cellulose Homogeneous	48.80% Non-fibrous (other) 5.00% Quartz 55.00% Ca Carbonate 33.39% Non-fibrous (other)	Not Analyzed Not Analyzed Not Analyzed 1.61% Chrysotile Not Analyzed Not Analyzed
Inseparable PLM NYS 19 PLM NYS 19 TEM NYS 19 Sample ID PLM NYS 19 PLM NYS 19 PLM NYS 19 TEM NYS 19	98.1 Friable paint / coating laye 98.6 VCM 98.6 NOB 98.4 NOB P0001-BULK22- 031606664-0008 98.6 NOB 98.6 NOB 98.6 NOB P0001-BULK22- 031606664-0008A	er included in and 01-Skim Coat 3/12/2016	Tan/White/Black alysis Description Homogeneity White Description Homogeneity	15.00% Cellulose Homogeneous Homogeneous	48.80% Non-fibrous (other) 5.00% Quartz 55.00% Ca Carbonate 33.39% Non-fibrous (other) 10.00% Quartz 58.00% Non-fibrous (other)	Not Analyzed Not Analyzed Not Analyzed 1.61% Chrysotile Not Analyzed Not Analyzed Not Analyzed
Inseparable PLM NYS 19 PLM NYS 19 TEM NYS 19 Sample ID PLM NYS 19 PLM NYS 19 TEM NYS 19 TEM NYS 19 Sample ID	98.1 Friable paint / coating laye 98.6 VCM 98.6 NOB 98.4 NOB P0001-BULK22- 031606664-0008 98.6 VCM 98.6 VCM 98.6 NOB P0001-BULK22- 031606664-0008A 98.1 Friable	er included in and 01-Skim Coat 3/12/2016	Tan/White/Black alysis Description Homogeneity White Description Homogeneity	15.00% Cellulose Homogeneous Homogeneous	48.80% Non-fibrous (other) 5.00% Quartz 55.00% Ca Carbonate 33.39% Non-fibrous (other) 10.00% Quartz 58.00% Non-fibrous (other)	Not Analyzed Not Analyzed Not Analyzed 1.61% Chrysotile Not Analyzed Not Analyzed Not Analyzed Not Analyzed



Project ID:

Test Report: Asbestos Analysis of Bulk Material

Non-Asbestos

		Analyzed			Non-Asbestos	
	Test	Date	Color	Fibrous	Non-Fibrous	Asbestos
Sample ID	P0001-BULK23	-01-Skim Coat	Description			
	031606664-0009		Homogeneity	Homogeneous		
PLM NYS 1	198.1 Friable	3/12/2016	White		60.00% Ca Carbonate	2.48% Chrysotile
					26.52% Non-fibrous (other) 11.00% Quartz	
PLM NYS 1	198 6 VCM				11.00% Qualtz	Not Analyzed
PLM NYS 1						Not Analyzed
TEM NYS 1						Not Analyzed
Sample ID		-01-Rough Coa	Description			
	031606664-0009	•	Homogeneity	Homogeneous		
PLM NYS 1	198.1 Friable	3/13/2016	Brown/Gray	<u> </u>	20.00% Ca Carbonate	None Detected
			,		18.00% Non-fibrous (other)	
					62.00% Quartz	
PLM NYS 1	198.6 VCM					Not Analyzed
PLM NYS 1	198.6 NOB					Not Analyzed
TEM NYS 1	198.4 NOB					Not Analyzed
Sample ID	P0001-BULK24	-01-Skim Coat	Description			
	031606664-0010		Homogeneity	Homogeneous		
PLM NYS 1	198.1 Friable	3/12/2016	White		60.00% Ca Carbonate	1.18% Chrysotile
					31.82% Non-fibrous (other) 7.00% Quartz	
Inseparable	e paint / coating lay	er included in anal	ysis		7.00% Quartz	
PLM NYS 1	198.6 VCM					Not Analyzed
PLM NYS 1	198 6 NOB					Not Analyzed
	130.0 NOB					Not Allalyzed
TEM NYS 1						Not Analyzed
		-01-Rough Coa	Description			-
	198.4 NOB	-	Description Homogeneity	Homogeneous		-
TEM NYS 1 Sample ID PLM NYS 1	98.4 NOB P0001-BULK24	-	•	Homogeneous	45.00% Non-fibrous (other)	-
Sample ID	98.4 NOB P0001-BULK24 031606664-0010A	4	Homogeneity	Homogeneous	45.00% Non-fibrous (other) 55.00% Quartz	Not Analyzed
Sample ID	98.4 NOB P0001-BULK24 031606664-0010A	4	Homogeneity	Homogeneous		Not Analyzed
Sample ID PLM NYS 1 PLM NYS 1	98.4 NOB P0001-BULK24 031606664-0010A 198.1 Friable 198.6 VCM	4	Homogeneity	Homogeneous		Not Analyzed None Detected
Sample ID PLM NYS 1 PLM NYS 1 PLM NYS 1	98.4 NOB P0001-BULK24 031606664-00104 98.1 Friable 198.6 VCM	4	Homogeneity	Homogeneous		Not Analyzed None Detected Not Analyzed
Sample ID PLM NYS 1 PLM NYS 1 PLM NYS 1 TEM NYS 1	98.4 NOB P0001-BULK24 031606664-0010A 198.1 Friable 198.6 VCM 198.6 NOB 198.4 NOB P0001-BULK25	3/12/2016	Homogeneity	Homogeneous		Not Analyzed None Detected Not Analyzed Not Analyzed
Sample ID PLM NYS 1 PLM NYS 1 PLM NYS 1 TEM NYS 1	98.4 NOB P0001-BULK24 031606664-0010A 198.1 Friable 198.6 VCM 198.6 NOB	3/12/2016	Homogeneity Brown/Gray	Heterogeneous		Not Analyzed None Detected Not Analyzed Not Analyzed
Sample ID PLM NYS 1 PLM NYS 1 PLM NYS 1 TEM NYS 1 Sample ID	98.4 NOB P0001-BULK24 031606664-0010A 198.1 Friable 198.6 VCM 198.6 NOB 198.4 NOB P0001-BULK25	3/12/2016	Homogeneity Brown/Gray Description			Not Analyzed None Detected Not Analyzed Not Analyzed
PLM NYS 1 PLM NYS 1 PLM NYS 1 TEM NYS 1 Sample ID PLM NYS 1	98.4 NOB P0001-BULK24 031606664-00104 98.1 Friable 198.6 VCM 198.6 NOB 198.4 NOB P0001-BULK25 031606664-0011 198.1 Friable 2 paint / coating lay	3/12/2016 -01-Skim Coat 3/12/2016	Homogeneity Brown/Gray Description Homogeneity White		55.00% Quartz 55.00% Ca Carbonate 38.52% Non-fibrous (other)	Not Analyzed None Detected Not Analyzed Not Analyzed Not Analyzed
PLM NYS 1 PLM NYS 1 PLM NYS 1 TEM NYS 1 Sample ID PLM NYS 1	98.4 NOB P0001-BULK24 031606664-00104 98.1 Friable 198.6 VCM 198.6 NOB 198.4 NOB P0001-BULK25 031606664-0011 198.1 Friable 2 paint / coating lay	3/12/2016 -01-Skim Coat 3/12/2016	Homogeneity Brown/Gray Description Homogeneity White		55.00% Quartz 55.00% Ca Carbonate 38.52% Non-fibrous (other)	Not Analyzed None Detected Not Analyzed Not Analyzed Not Analyzed
PLM NYS 1 PLM NYS 1 PLM NYS 1 TEM NYS 1 Sample ID PLM NYS 1	98.4 NOB P0001-BULK24 031606664-0010A 198.1 Friable 198.6 VCM 198.8 NOB P0001-BULK25 031606664-0011 198.1 Friable 2 paint / coating lay 198.6 VCM	3/12/2016 -01-Skim Coat 3/12/2016	Homogeneity Brown/Gray Description Homogeneity White		55.00% Quartz 55.00% Ca Carbonate 38.52% Non-fibrous (other)	Not Analyzed None Detected Not Analyzed Not Analyzed Not Analyzed 1.48% Chrysotile



Project ID:

Test Report: Asbestos Analysis of Bulk Material

Non-Asbestos

		Analyzed			Non-Asbestos	
	Test	Date	Color	Fibrous	Non-Fibrous	Asbestos
Sample ID	P0001-BULK25	5-01-Rough Coa	Description			
	031606664-0011	A	Homogeneity	Homogeneous		
PLM NYS 19	98.1 Friable	3/12/2016	Brown		44.00% Non-fibrous (other) 56.00% Quartz	None Detected
PLM NYS 19	98.6 VCM					Not Analyzed
PLM NYS 19	98.6 NOB					Not Analyzed
TEM NYS 19	98.4 NOB					Not Analyzed
Sample ID	P0001-BULK26	6-01-Skim Coat	Description			
	031606664-0012		Homogeneity	Homogeneous		
PLM NYS 19	98.1 Friable	3/13/2016	White		48.00% Ca Carbonate 40.25% Non-fibrous (other) 10.00% Quartz	1.75% Chrysotile
PLM NYS 19	98.6 VCM					Not Analyzed
PLM NYS 19	98.6 NOB					Not Analyzed
TEM NYS 19	98.4 NOB					Not Analyzed
Sample ID	P0001-BULK26	6-01-Rough Coa	Description			
	031606664-0012	A	Homogeneity	Homogeneous		
PLM NYS 19	98.1 Friable	3/13/2016	Brown		27.00% Ca Carbonate 13.00% Non-fibrous (other) 60.00% Quartz	None Detected
PLM NYS 19	98.6 VCM					Not Analyzed
PLM NYS 19	98.6 NOB					Not Analyzed
TEM NYS 19	98.4 NOB					Not Analyzed
Sample ID	P0001-BULK27	7-01-Skim Coat	Description			
	031606664-0013		Homogeneity	Heterogeneous		
PLM NYS 19		3/12/2016 yer included in anal	White		50.00% Ca Carbonate 38.82% Non-fibrous (other) 10.00% Quartz	1.18% Chrysotile
PLM NYS 19		yer moluueu m anai	yala			Not Analyzed
PLM NYS 19						Not Analyzed
TEM NYS 19						Not Analyzed Not Analyzed
Sample ID		7-01-Rough Coa	Description			Not Allalyzed
Sample ID	031606664-0013	_	Homogeneity	Heterogeneous		
PLM NYS 19	98.1 Friable	3/12/2016	Brown/Gray	2.00% Cellulose	42.00% Non-fibrous (other) 56.00% Quartz	None Detected
PLM NYS 19	98.6 VCM					Not Analyzed
PLM NYS 19	98.6 NOB					Not Analyzed
TEM NYS 19	98 4 NOB					Not Analyzed



Project ID:

Test Report: Asbestos Analysis of Bulk Material

Non-Asbestos

		Analyzed			Non-Asbestos	
	Test	Date	Color	Fibrous	Non-Fibrous	Asbestos
Sample ID	P0001-BULK28-	01-Skim Coat	Description			
	031606664-0014		Homogeneity	Homogeneous		
PLM NYS 19	98.1 Friable	3/12/2016	White		48.00% Ca Carbonate 40.81% Non-fibrous (other) 10.00% Quartz	1.19% Chrysotile
PLM NYS 19	98.6 VCM					Not Analyzed
PLM NYS 19	98.6 NOB					Not Analyzed
TEM NYS 19	98.4 NOB					Not Analyzed
Sample ID	P0001-BULK28-	01-Rough Coa	Description			
	031606664-0014A		Homogeneity	Homogeneous		
PLM NYS 19	98.1 Friable	3/12/2016	Brown		40.00% Non-fibrous (other) 60.00% Quartz	None Detected
PLM NYS 19	98.6 VCM					Not Analyzed
PLM NYS 19	98.6 NOB					Not Analyzed
TEM NYS 19	98.4 NOB					Not Analyzed
Sample ID	D P0001-BULK29-01		Description			
	031606664-0015		Homogeneity	Heterogeneous		
PLM NYS 19	98.1 Friable	3/12/2016	White/Green		60.00% Ca Carbonate 38.17% Non-fibrous (other)	1.83% Chrysotile
PLM NYS 19	98.6 VCM					Not Analyzed
PLM NYS 19	98.6 NOB					Not Analyzed
TEM NYS 19	98.4 NOB					Not Analyzed
Sample ID	P0001-BULK30-	01-Skim Coat	Description			
	031606664-0016		Homogeneity	Homogeneous		
PLM NYS 19		3/13/2016	White		55.00% Ca Carbonate 43.75% Non-fibrous (other)	1.25% Chrysotile
PLM NYS 19	paint / coating laye	er included in an	aiysis			Not Analyzed
PLM NYS 19						Not Analyzed
TEM NYS 19						Not Analyzed
Sample ID	P0001-BULK30-	01-Rough Coa	Description			11017111417204
Cample ID	031606664-0016A	_	Homogeneity	Homogeneous		
PLM NYS 19		3/13/2016	Gray/White/Vario		68.00% Ca Carbonate 30.75% Non-fibrous (other)	1.25% Chrysotile
PLM NYS 19	98.6 VCM				, ,	Not Analyzed
PLM NYS 19	98.6 NOB					Not Analyzed
TEM NYS 19	98 4 NOB					Not Analyzed



Project ID:

Test Report: Asbestos Analysis of Bulk Material

The samples in this report were submitted to EMSL for analysis by Asbestos Analysis of Bulk Materials via NYS ELAP Approved Methods. The reference number for these samples is the EMSL Order ID above. Please use this reference number when calling about these samples.

Report Comments:

Sample Receipt Date: 3/11/2016 Analysis Completed Date: 3/12/2016 Sample Receipt Time: 4:15 PM
Analysis Completed Time: 5:30 PM

Analyst(s):

Emmanuel Moise PLM NYS 198.1 Friable (11)

Samples reviewed and approved by:

Jon Williams PLM NYS 198.1 Friable (19)

James Hall, Laboratory Manager or Other Approved Signatory

NOB = Non Friable Organically Bound N/A = Not Applicable VCM = Vermiculite Containing Material

-In New York State, TEM is currently the only method that can be used to determine if NOB materials can be considered or treated as non-asbestos containing. All samples examined for the presence of vermiculite when analyzed via NYS 198.1.

-NYS Guidelines for Vermiculite containing samples are available at http://www.wadsworth.org/labcert/elapcert/forms/VermiculiteInterimGuidance_Rev070913.pdf EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples were received in good condition unless otherwise noted.

This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. This report may contain data that is not covered by the NVLAP accreditation.

Samples analyzed by EMSL Analytical, Inc. New York, NY NYS ELAP 11506